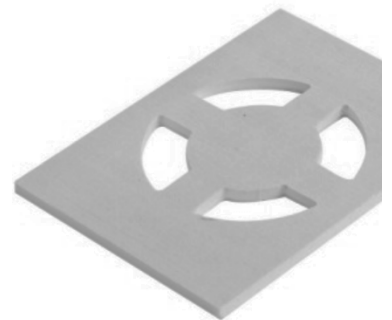
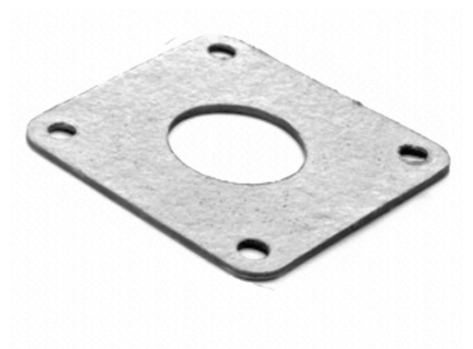
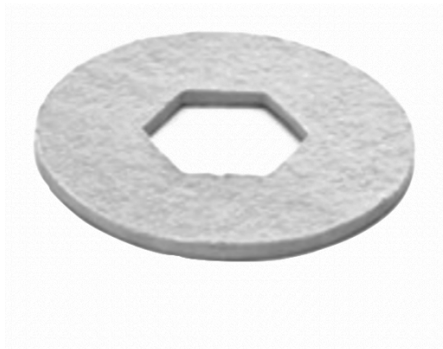
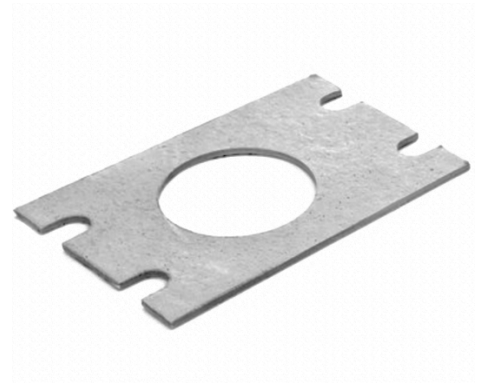


Wedge India

High Strength Rigid Insulation Designs



RIMB 1000HD | Technical Datasheet

Wedge RIMB1000HD are high density calcium silicate wollastonite fibers reinforced boards ideal for high temperature insulation, heat shield, pipe supports, furnace backup insulation, high temperature gasketing, fire & insulation seals, and high temperature electrical insulation.

Applications

- Ladle & Tundish Insulation
- Lime Kiln and Cement Kiln Insulation
- High temperature gasket & sealings
- Boiler & Furnace Insulation
- Oil & Gas Burners Insulation
- Furnace, Dryer, and Oven Insulation
- Pipe & duct Insulation
- Metal clad Gaskets fillers
- Gaskets for centrifugal casting
- Glass rollers as washers on mandrel
- Stainless Steel Plant Rollers Insulation
- Electrical & home appliances insulation gaskets
- Fire Resistant Doors, Lifts, Safes, Cupboards

Features & Benefits

- Very Strong Boards with high compressive strength
- High temperature resistance upto 1000°C
- Low Thermal Conductivity at high temperatures
- High Electrical Resistance at high temperature
- High fire resistance and heat shield properties
- Easy to cut and punch
- Available in molded pipe section for pipe insulation

Properties	RIMB 1000HD
Base Materials	Wollastonite Calcium Silicate
Classification Temperature, °C	1000
Density, Kg/M3	950
Thermal conductivity, W/m.K	
400 °C	0.12
600 °C	0.14
800 °C	0.18
Tensile Strength, Mpa	5
Flexural Strength, Mpa	8
Shrinkage % @ 1000 °C	< 1
Compressive Strength, Mpa	
< 1% Compression, Mpa	1.9
5% Compression, Mpa	8
10% Compression, Mpa	14
20% Compression, Mpa	35
Loss on Ignition % at 1000 °C	6





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